



IFW

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Ludovic PETIT

Appln. No.: 10/563,153

Confirmation No.: 8370

Filed: January 4, 2006

For: FLUID PRODUCT DISPENSER



Docket No: Q92397

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

SUBMISSION OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT (IPER)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

For the Examiner's convenience, enclosed herewith is a copy of the English translation of the International Preliminary Examination Report. It is noted that the one reference cited in the International Search Report was previously submitted to the U.S. Patent and Trademark Office with an Information Disclosure Statement on January 4, 2006, and are therefore not enclosed herewith.

Respectfully submitted,

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: October 2, 2006

Translation

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference VALS 921 B PCT	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/FR2004/001706	International filing date (day/month/year) 01.07.2004	Priority date (day/month/year) 04.07.2003
International Patent Classification (IPC) or national classification and IPC B65D83/54		
Applicant VALOIS SAS		

1.	This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.	
2.	This REPORT consists of a total of 4 sheets, including this cover sheet.	
3.	This report is also accompanied by ANNEXES, comprising: a. <input checked="" type="checkbox"/> (sent to the applicant and to the International Bureau) a total of 3 sheets, as follows: <input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). <input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).	
4.	This report contains indications relating to the following items: <input checked="" type="checkbox"/> Box No. I Basis of the report <input type="checkbox"/> Box No. II Priority <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability <input type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application	

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/FR2004/001706

Box No. 1

Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____ which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-8 _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. _____ as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1-11 _____ received by this Authority on 05.04.2005 with letter
- nos.* _____ received by this Authority on of 29.03.2005
- ☒ the drawings:
- sheets 1/5-5/5 _____ as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☒ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☒ the claims, nos. 12, 13 _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/FR2004/001706

Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1. Statement			
Novelty (N)	Claims	2-11	YES
	Claims	1	NO
Inventive step (IS)	Claims	2-9, 11	YES
	Claims	1, 10	NO
Industrial applicability (IA)	Claims	1-11	YES
	Claims		NO
2. Citations and explanations (Rule 70.7)			
1. Reference is made to the following document:			
D3: PATENT ABSTRACTS OF JAPAN vol. 2000, no. 06, 22 September 2000 (2000-09-22) - & JP 2000 084444 A (TOYO AEROSOL IND CO LTD), 28 March 2000 (2000-03-28)			
2. The present application fails to meet the requirements of PCT Article 33(1), since the subject matter of claim 1' does not comply with the criterion of novelty as defined by PCT Article 33(2).			
D1 describes (the references between parentheses apply to said document): a fluid dispensing device comprising a vessel (1) containing fluid and a propellant; a non-metering dispensing valve unit (4) comprising a discharge valve movable between a closed position and an open position is mounted on said vessel (1); said valve unit (4) is capable of dispensing fluid as long as the discharge valve is held in the open position; said device further comprises a dispensing head (19) which is mounted on the discharge valve of valve unit (4) and comprises a dispensing port (28); said head (19)			

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

comprises a metering system (11, 15, 22, 25, 32) for dispensing an accurate and reproducible amount of fluid each time the device is actuated; wherein said metering system (11, 15, 22, 25, 32) includes an actuating element (11), a control element (15, 22) and a metering element (32); said actuating element (11) is capable of moving said control element (15, 22) and said metering element (32); said control element (15, 22) moves said discharge valve of the valve unit (4) between the open and closed positions thereof; and said metering element (32) is capable of moving inside the control element (15, 22) between a shut position and a dispensing position.

The subject matter of said claim is therefore not novel (PCT Article 33(2)).

3. To a person skilled in the art, snap fitting is a well known means of assembling various elements. Consequently, the subject matter of claim 10 does not involve an inventive step (PCT Article 33(3)).
4. The combination of features of claims 2 to 9 and 11 is not found in the prior art and cannot be derived in an obvious manner therefrom. A new claim containing the features of one of said claims would appear to meet the requirements of PCT Article 33(1).